(b) and (c) At present, the Department of Atomic Energy (DAE) has no scheme to set up a network or irradiation centres throughout the country. Based on the technologies developed at BARC, one demonstration plant for irradiation of spices is working at Vashi, Navi Mumbai and another demonstration plant for irradiation of onions is being set up at Lasalgaon, Nasik, Maharashtra. The Department is actively involved in the propagation of this technology and has entered into MoU with a few private entrepreneurs for establishing facilities for irradiation of onions.

Nuclear Reactors

4509. SHRI C. RAMACHANDRAIAH: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that eight nuclear reactors are likely to be ready by 2008;

(b) if so, the details thereof; and

(c) what is the cost involved and the capacity of these reactors?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (SHRIMATI VASUNDHARA RAJE): (a) Yes, Sir.

(b) The 8 nuclear power reactor units presently under construction and scheduled for completion progressively during the years 2006 to 2008 are:

1. Tarapur Atomic Power Project-3 & 4 (2x500 MWe, being uprated to 2x540 MWe) at Tarapur, Maharashtra.
2. Kaiga-3 & 4 (2x220 MWe) at Kaiga, Karnataka.
3. Kudankulam—1 & 2 (2x1000 MWe) at Kundankulam, Tamil Nadu.
4. Rajasthan Atomic Power Project-5 & 6 (2x220 MWe) at Rawatbhata, Rajasthan.

(c) The total estimated completion cost of the above-mentioned 8 reactor units is about Rs. 26,300 crore. The total capacity addition in the nuclear electricity generation capacity will be 3960 MWe.